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6001 Chemical Abstracts
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P337

108: 61420g Flowable cement compositions with high strength. Sakai, Etsuro; Fushi, Yasuto (Denki Kagaku Kogyo K. K.) Jpn. Kokai Tokkyo Koho JP 62,207,751 [87,207,751] (Cl. C04B28/02), 12 Sep 1987, Appl. 86/50,658, 10 Mar 1986; 4 pp. The compns. essentially contain cementitious substances, silica fume, inactive ultrafine powders, superplasticizers, and water. The compns. also give high mech. strength. Thus, a compn. comprising portland cement 100, silica fume 10, Al₂O₃ micro-powders 10, Denka FT 500 (superplasticizer) 2.4, aggregates 120, and water 22 parts showed table flow 218 mm and compressive strength (7 days) 1687 kg/cm².